

CLAIMS

We Claim:

1. A light for a barbecue grill, the barbecue grill having an upper member and a lower member defining a cooking chamber having a cooking grid, the upper member covering the lower member in a closed position, the light comprising:

5 a fixture having a first mating member, the fixture being fabricated to be secured to the barbecue grill;

a removable first pod having an illumination device and a second mating member, the second mating member of the first pod removably engaging the first mating member of the fixture to removably secure the first pod to the fixture.

10 2. The light of claim 1, wherein the first pod has a first internal power source and a first switch to independently manipulate illumination of the illumination device of the first pod when the first pod is engaging the fixture, and when the first pod is removed from the fixture.

15 3. The light of claim 1, wherein the fixture has a plurality of first mating members, wherein the second mating member of the first pod removably engages one of the plurality of first mating members on the fixture to removably secure the first pod to the fixture, and further comprising a removable second pod having an illumination device and a second mating member, the second mating member of the second pod removably engaging one of the plurality of first mating members on the fixture to removably secure the second pod to the fixture.

20 4. The light of claim 3, wherein the first pod has a first internal power source and a first switch to independently manipulate illumination of the illumination device of the first pod, and wherein the second pod has a second internal power source and a second switch to independently manipulate illumination of the illumination device of the second pod.

25 5. The light of claim 3, wherein the fixture has a handle portion between the first pod and the second pod.

30 6. The light of claim 1, wherein the fixture is fabricated to be connected to the upper member of the barbecue grill.

7. The light of claim 1, wherein the fixture is fabricated to be connected to a handle of the barbecue grill.

8. The light of claim 7, wherein the fixture has a spring connector portion for connecting the fixture to the handle of the grill.

9. The light of claim 1, wherein the illumination device comprises a plurality of light emitting diodes, the light emitting diodes being directionally focused in varying directions.

10. The light of claim 1, wherein the first mating member depending from the fixture is one of a male protrusion or a female receiver, and wherein the second mating member depending from the pod is the other of the male protrusion or female receiver.

11. The light of claim 10, wherein the male protrusion and the female receiver mate in a frictional fit to secure the pod to the fixture.

12. The light of claim 10, wherein one of the male protrusion and the female receiver has a stop to position the pod on the fixture.

13. The light of claim 1, wherein the pod has a manual switch to manipulate illumination of the illumination device.

14. The light of claim 13, wherein the pod has an automatic tilt sensor that moves between an open position and a closed position based on the position of the pod connected to the fixture, wherein the automatic tilt sensor is electrically connected to the manual switch and provides an override to the manual switch to turn the illumination device off when the upper member of the barbecue grill is in a closed position.

15. A modular light, comprising:

a housing having a first mating member;
a removable first pod having an illumination device and a second mating member, the second mating member of the first pod removably connecting the first mating member of the housing to removably secure the first pod to the housing, the first pod having an independent internal power source located within the first pod for illuminating the illumination device of the first pod, and the first pod having a manual switch electrically connected to the internal power source to control illumination of the illumination device.

16. The modular light of claim 15, wherein the second mating member of the first pod slidingly engages the first mating member of the housing to removably connect the first pod to the housing.

17. The modular light of claim 15, wherein the illumination device comprises a plurality of light emitting diodes.

18. The modular light of claim 17, wherein the light emitting diodes of the illumination device are directionally focused in varying positions.

19. The modular light of claim 15, wherein the housing has a plurality of first mating members, wherein the second mating member of the first pod removably engages one of the plurality of first mating members on the housing to removably secure the first pod to the housing, and further comprising a removable second pod having an illumination device and a second mating member, the second mating member of the second pod removably engaging one of the plurality of first mating members on the housing to removably secure the second pod to the housing, the second pod having an independent internal power source located within the second pod for illuminating the illumination device of the second pod, and the second pod having a manual switch electrically connected to the internal power source to control illumination of the illumination device of the second pod.

20. The modular light of claim 19, wherein housing has a handle portion for grasping by a user, the handle portion located between the first pod and the second pod when first and second pods are removably secured to the housing.

21. The modular light of claim 15, wherein the illumination device is a plurality of light emitting diodes.

22. The modular light of claim 15, wherein the first mating member removably engages the second mating member without hardware.

23. The modular light of claim 15, wherein the housing has a first connector to secure the housing to a barbecue grill.

24. The modular light of claim 15, wherein the housing has a spring member to secure the housing to a barbecue grill.

25. The modular light of claim 15, wherein an extension depends from the housing, and wherein the extension has a first connector to secure the extension to a surface.

26. The modular light of claim 15, wherein the housing has a connector to secure the housing to a handle of a barbecue grill for illuminating a grilling surface of the grill when the pod is connected to the housing.

27. A modular light, comprising:
30 a housing having a plurality of first mating members;
a removable first pod having an illumination device and a second mating member, the second mating member of the first pod removably connecting to one of the first mating members of the housing to removably secure the first pod to the housing, the first pod having

an independent internal power source located within the first pod for illuminating the illumination device of the first pod, and the first pod having a manual switch electrically connected to the internal power source to control illumination of the illumination device of the first pod; and,

- 5 a removable second pod having an illumination device and a second mating member, the second mating member of the second pod removably connecting to another of the first mating members of the housing to removably secure the second pod to the housing, the second pod having an independent internal power source located within the second pod for illuminating the illumination device of the second pod, and the second pod having a manual switch electrically connected to the internal power source to control illumination of the illumination device of the second pod.
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28. The modular light of claim 27, wherein the second mating members of the first and second pods slidingly engage the respective first mating members of the housing to independently removably connect the first and second pods to the housing.

- 15 29. The modular light of claim 27, wherein the illumination devices of the first and second pods comprises a plurality of light emitting diodes.

30. The modular light of claim 27, wherein the housing is fabricated in a two part mating configuration to be removably connected around a portion of a handle of a barbecue grill.